



CB910

APPLICATION FOR FINANCIAL ASSISTANCE
Revised 7/93

IMPORTANT: Applicant should consult the "Instructions for Completion of Project Application" for assistance in the proper completion of this form.

SUBDIVISION: Cincinnati CODE# 061-15000

DISTRICT NUMBER: 2 COUNTY: Hamilton DATE 09/9/94

CONTACT: Chris Nyberg PHONE # (513) 352-3416
(THE PROJECT CONTACT PERSON SHOULD BE THE INDIVIDUAL WHO WILL BE AVAILABLE ON A DAY-TO-DAY BASIS DURING THE APPLICATION REVIEW AND SELECTION PROCESS AND WHO CAN BEST ANSWER OR COORDINATE THE RESPONSE TO QUESTIONS)

PROJECT NAME: Gest Street Bridge Replacement over the Mill Creek

Table with 3 columns: SUBDIVISION TYPE, FUNDING TYPE REQUESTED, PROJECT. Includes sub-rows for County, City, Township, Village, Water/Sanitary District and funding options like Grant, Loan, Loan Assistance, and MBE SET-ASIDE OFFERED.

TOTAL PROJECT COST:\$ 1,500,000 FUNDING REQUESTED:\$ 1,200,000

DISTRICT RECOMMENDATION
To be completed by the District Committee ONLY

GRANT: \$1,200,000 LOAN ASSISTANCE: \$
LOAN: \$ % TERM: yrs. (Attach Loan Supplement)

(Check Only 1)
[X] State Capital Improvement Program DISTRICT MBE SET-ASIDE
Local Transportation Improvements Program Construction \$
Small Government Program Procurement \$

FOR OPWC USE ONLY

PROJECT NUMBER: C /C
Local Participation %
OPWC Participation %
Project Release Date: / /
OPWC Approval:
APPROVED FUNDING:\$
Loan Interest Rate:
Loan Term: years
Maturity Date:
Date Approved: / /

2.0 PROJECT INFORMATION

IMPORTANT: If project is multi-jurisdictional, information must be consolidated in this section.

2.1 PROJECT NAME: Gest Street Bridge Replacement over the Mill Creek

2.2 PROJECT DESCRIPTION - (Sections a through d):

a: SPECIFIC LOCATION:

Gest Street Bridge over the Mill Creek.

PROJECT ZIP CODE: 45223

b: PROJECT COMPONENTS:

This project involves removing the existing bridge and replacing it with a new single span steel beam bridge. Also, the project will include construction of an adjacent utility bridge for the relocation City water, electrical and telecommunications utilities currently supported by the roadway bridge. Other work will include approach roadway improvements including the replacement of pavement, curb, sidewalk and stormwater facilities.

c: PHYSICAL DIMENSIONS / CHARACTERISTICS:

BRIDGE

Existing length = 90.0'

Existing width = 44.0' (two 11.6' lanes with two 6.0' walks).

Proposed length = 100.0'

Proposed width = 44.0' (two 14.0' lanes with two 7.0' walks).

ROADWAY

The existing and proposed width varies from 28' to 32'. Approximately 250' of roadway will be replaced or rehabilitated.

d: DESIGN SERVICE CAPACITY:

IMPORTANT: Detail shall be included regarding current service capacity vs proposed service level. If road or bridge project, include ADT. If water or wastewater project, include both current residential rates based on monthly usage of 7,756 gallon per household. Attach current rate ordinance.

1994 ADT = 6532 vehicles/day

2014 ADT = 9877 vehicles/day

2.3 USEFUL LIFE / COST ESTIMATE: Project Useful Life: 50 Years.

Attach Registered Professional Engineer's statement, with original seal and signature certifying the project's useful life indicated above and estimated cost.

3.0 REPAIR/REPLACEMENT or NEW/EXPANSION:

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT \$ 1,500,000 100%
State Funds Requested for Repair and Replacement \$ 1,200,000 80%

TOTAL PORTION OF PROJECT NEW/EXPANSION \$ _____ %
State Funds Requested for New and Expansion \$ _____ %

4.0 PROJECT SCHEDULE:*

	BEGIN DATE	END DATE
4.1 Engineering/Design:	<u>10/1/94</u>	<u>7/1/95</u>
4.2 Bid Advertisement:	<u>8/1/95</u>	<u>9/1/95</u>
4.3 Construction:	<u>11/1/95</u>	<u>5/1/97</u>

* Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be approved in writing by the Commission once the Project Agreement has been executed. Dates should assume project agreement approval/release on July 1st. of the Program Year applied for.

5.0 APPLICANT INFORMATION:

5.1 CHIEF EXECUTIVE

OFFICER John Shirey
TITLE City Manager
STREET Room 152, City Hall
801 Plum Street
CITY/ZIP Cincinnati, Ohio 45202
PHONE (513) 352 - 3241
FAX () -

5.2 CHIEF FINANCIAL

OFFICER Frank A. Dawson
TITLE Director of Finance
STREET Room 250, City Hall
801 Plum Street
CITY/ZIP Cincinnati, Ohio 45202
PHONE (513) 352 - 3731
FAX () -

5.3 PROJECT MANAGER

TITLE Jay Gala, P.E.
Principal Construction Engineer
STREET Room 415, City Hall
801 Plum Street
CITY/ZIP Cincinnati, Ohio 45202
PHONE (513) 352 - 3423
FAX (513) 352 - 1581

6.0 ATTACHMENTS/COMPLETENESS REVIEW:

Check each section below, confirming that all required information is included in this application.

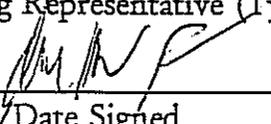
- A certified copy of the legislation by the governing body of the applicant authorizing a designated official to submit this application and execute contracts. (Attach)
- A summary from the applicant's Chief Financial Officer listing all local share funds budgeted for the project and the date they are anticipated to be available. (Attach)
- A registered professional engineer's estimate of projects useful life and cost estimate, as required in 164-1-14 and 164-1-16 of the Ohio Administrative Code. Estimates shall contain engineer's original seal and signature. (Attach)
- A copy of the cooperation agreement(s) if this project involves more than one subdivision or district.(Attach)
- Capital Improvements Report: (Required by 164 O.R.C. on standard form)
 A: Attached.
 B: Report/Update Filed with the Commission within the last twelve months.
- Floodplain Management Permit: Required if project is in 100 year floodplain. See Instructions.
- Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), and other information to assist your district committee in ranking your project.

7.0 APPLICANT CERTIFICATION:

The undersigned certifies that: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission; (2) that to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) that all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving minority business utilization, Buy Ohio, and prevailing wages.

IMPORTANT: Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement on this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding of the project.

John Shirey, City Manager
Certifying Representative (Type or Print Name and Title)


Signature/Date Signed

City of Cincinnati



Department of Public Works
Division of Engineering

Room 440, City Hall
801 Plum Street
Cincinnati, Ohio 45202

September 23, 1994

John Hamner
Director

Prem Garg, P.E.
City Engineer

SUBJECT: GEST STREET BRIDGE REPLACEMENT OVER THE MILL CREEK -
CERTIFICATION OF USEFUL LIFE FOR STATE CAPITAL
IMPROVEMENT PROJECTS

As required by Chapter 164-1-13 of the Ohio Administrative Code, I hereby certify that the design useful life of the subject bridge replacement project is at least fifty (50) years.

A handwritten signature in black ink, appearing to read "Prem Garg", is written over a horizontal line.

for Prem Garg, P.E., City Engineer
City of Cincinnati



STATE ISSUE 2 APPLICATION: ENGINEER'S ESTIMATE
GEST STREET BRIDGE OVER THE MILL CREEK

SCOPE

For furnishing all the materials, labor and equipment and performing all work necessary to complete the replacement of the Gest Street Bridge over the Mill Creek and construct an adjacent bridge to support relocated water, fiber-optic telecommunications, telephone and electrical utilities.

ROADWAY BRIDGE ITEMS:

<u>REF. NO.</u>	<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>ESTIMATED QUANTITIES</u>		<u>LABOR & MATERIAL</u>	<u>TOTAL</u>
1	103	Contract Bond	Lump	Sum	\$30,000.00	\$30,000.00
2	201	Clearing and Grubbing	Lump	Sum	\$20,000.00	\$20,000.00
3	202	Wearing Course Removed	400	Sq. Yd.	\$11.00	\$4,400.00
5	202	Curb Removed	700	Lin. Ft.	\$2.00	\$1,400.00
6	202	Concrete Walk and Drive Removed	5,600	Sq. Ft.	\$0.90	\$5,040.00
7	202	Pavement Removed	800	Sq. Yd.	\$7.00	\$5,600.00
8	202	Structures Removed	Lump	Sum	\$145,000.00	\$145,000.00
9	202	Manholes Removed	1	Each	\$500.00	\$500.00
10	202	Inlets Removed	2	Each	\$500.00	\$1,000.00
11	202	Pipe Removed	40	Lin. Ft.	\$18.00	\$720.00
12	203	Excavation w/o Embankment Const.	110	Cu. Yd.	\$20.00	\$2,200.00
13	203	Embankment	460	Cu. Yd.	\$20.00	\$9,200.00
14	301	Temporary Asphalt Pavement	100	Cu. Yd.	\$150.00	\$15,000.00
15	305	9" Concrete Base	800	Sq. Yd.	\$40.00	\$32,000.00
16	403	Asphalt Concrete, Leveling Course	42	Cu. Yd.	\$100.00	\$4,200.00
17	404	Asphalt Concrete, Surface Course	42	Cu. Yd.	\$100.00	\$4,200.00
18	503	Unclassified Excavation	110	Cu. Yd.	\$25.00	\$2,750.00
19	503	Cofferdams, Cribs and Sheeting	Lump	Sum	\$30,000.00	\$30,000.00
20	505	Pile Driving Equip. Mobilization	Lump	Sum	\$28,000.00	\$28,000.00
21	507	Prebored Holes for Piles	540	Lin. Ft.	\$25.00	\$13,500.00

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATED QUANTITIES		LABOR & MATERIAL	TOTAL
22	507	Pile Driving, HP10X34	990	Lin. Ft.	\$20.00	\$19,800.00
23	509	Epoxy Coated Rebar, Grade 60	63,000	Lbs.	\$0.75	\$47,250.00
24	509	Reinforcing Steel, Grade 60	3,000	Lbs.	\$0.50	\$1,500.00
25	512	Waterproofing	40	Sq. Yd.	\$30.00	\$1,200.00
26	513	Structural Steel, A709, Grade 50W	111,000	Lbs.	\$1.00	\$111,000.00
27	513	Welded Stud Shear Connectors	2,143	Each	\$3.00	\$6,429.00
28	517	Railing, Conc. Parapet w/ Pipe Rail	188	Lin. Ft.	\$300.00	\$56,400.00
29	518	Porous Backfill with Filter Fabric	80	Cu. Yd.	\$20.00	\$1,600.00
30	603	12" Conduit, Type H	40	Lin. Ft.	\$50.00	\$2,000.00
31	604	Manholes Adjusted to Grade	10	Each	\$400.00	\$4,000.00
32	604	Manholes	2	Each	\$1,000.00	\$2,000.00
33	604	Double Gutter Inlets	2	Each	\$1,000.00	\$2,000.00
34	606	Type 5 Guardrail	100	Lin. Ft.	\$20.00	\$2,000.00
35	606	Type 1 Bridge Terminal Assembly	2	Each	\$1,000.00	\$2,000.00
36	606	Type 2 Bridge Terminal Assembly	2	Each	\$1,000.00	\$2,000.00
37	606	Type A Anchor Assembly	2	Each	\$1,000.00	\$2,000.00
38	606	Type T Anchor Assembly	2	Each	\$1,000.00	\$2,000.00
39	607	Remove & Rebuild Fence	100	Lin. Ft.	\$20.00	\$2,000.00
40	608	5 in. Concrete Walk	4,000	Sq. Ft.	\$5.00	\$20,000.00
41	609	Concrete Curb, Type S-1	400	Lin. Ft.	\$7.00	\$2,800.00
42	609	Temporary Asphalt Curb	300	Lin. Ft.	\$5.00	\$1,500.00
43	609	Temporary Concrete Curb	58	Lin. Ft.	\$7.00	\$406.00
44	611	Reinforced Concrete Approach Slab	184	Sq. Yd.	\$120.00	\$22,080.00
45	611	Reinforced Concrete Approach Walk	56	Sq. Yd.	\$90.00	\$5,040.00

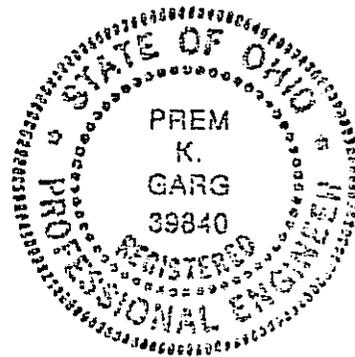
REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATED QUANTITIES		LABOR & MATERIAL	TOTAL
46	614	Maintaining Traffic	Lump	Sum	\$40,000.00	\$40,000.00
47	619	Field Office	Lump	Sum	\$20,000.00	\$20,000.00
48	622	Temp. Conc. Barrier, Bridge Mounted	100	Lin. Ft.	\$60.00	\$6,000.00
49	622	Temporary Concrete Barrier	250	Lin. Ft.	\$50.00	\$12,500.00
50	627	7 in. Concrete Driveway	500	Sq. Ft.	\$6.00	\$3,000.00
51	642	Center Line	400	Lin. Ft.	\$2.00	\$800.00
52	659	Seeding and Mulching	300	Sq. Yd.	\$2.00	\$600.00
53	660	Sodding with Topsoil	70	Sq. Yd.	\$15.00	\$1,050.00
54	Spec.	High Performance Concrete, Abutment Cap and Backwall	125	Cu. Yd.	\$500.00	\$62,500.00
55	Spec.	High Performance Concrete, Wing Walls	26	Cu. Yd.	\$500.00	\$13,000.00
56	Spec.	High Performance Concrete, Superstructure	200	Cu. Yd.	\$500.00	\$100,000.00
57	Spec.	Sealing of Concrete Surfaces	800	Sq. Yd.	\$10.00	\$8,000.00
58	Spec.	High Performance Concrete Trial Mix	Lump	Sum	\$1,500.00	\$1,500.00
59	Spec.	Stone Masonry Repair	3,000	Sq. Ft.	\$25.00	\$75,000.00
60	Spec.	Low Strength Mortar, LSM-50	72	Cu. Yd.	\$75.00	\$5,400.00
61	Spec.	Law Enforcement Officer	20	Hrs.	\$40.00	\$800.00
<u>UTILITY BRIDGE AND UTILITY RELOCATION ITEMS:</u>						
62	1101	Furnishing and Laying 6" Ductile Iron Pipe and Fittings	20	Lin. Ft.	\$150.00	\$3,000.00
63	1101	Furnishing and Laying 12" Ductile Iron Pipe and Fittings	20	Lin. Ft.	\$140.00	\$2,800.00
64	1101	Furnishing and Laying 16" Ductile Iron Pipe and Fittings	300	Lin. Ft.	\$180.00	\$54,000.00
65	1101	Furnishing and Laying 20" Ductile Iron Pipe and Fittings	40	Lin. Ft.	\$300.00	\$12,000.00

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATED QUANTITIES		LABOR & MATERIAL	TOTAL
66	1101	Furnishing and Laying 36" Ductile Iron Pipe and Fittings	300	Lin. Ft.	\$400.00	\$120,000.00
67	1110	Concrete, Class C, Thrust Blocks	20	Cu. Yd.	\$140.00	\$2,800.00
68	1111	Air Cock Chambers, Pre-Cast	2	Each	\$2,800.00	\$5,600.00
69	1111	16" Butterfly Valve Vault	1	Each	\$5,000.00	\$5,000.00
70	1111	20" Butterfly Valve Vault	1	Each	\$9,000.00	\$9,000.00
71	1111	36" Butterfly Valve Vault	1	Each	\$10,000.00	\$10,000.00
72	1113	Relocate Existing Fire Hydrant	1	Each	\$1,300.00	\$1,300.00
73	1119	Additional Excavation	40	Cu. Yd.	\$60.00	\$2,400.00
74	1120	Exploratory Excavation	40	Cu. Yd.	\$75.00	\$3,000.00
75	1121	Filling Abandoned Structures	20	Cu. Yd.	\$75.00	\$1,500.00
76	602	Brick Masonry	1	Cu. Yd.	\$300.00	\$300.00
77	626	Sheeting and Bracing Left In Place	Lump	Sum	\$1,000.00	\$1,000.00
78	503	Unclassified Excavation	30	Cu. Yd.	\$25.00	\$750.00
79	505	Pile Driving Equipment Mobilization	Lump	Sum	\$8,000.00	\$8,000.00
80	507	Prebored Holes for Piles	120	Lin. Ft.	\$25.00	\$3,000.00
81	507	Pile Driving, HP10x43	220	Lin. Ft.	\$20.00	\$4,400.00
82	509	Reinforcing Steel, Grade 60	2,000	Lbs.	\$0.60	\$1,200.00
83	511	Class C Concrete, Abutments	12	Cu. Yd.	\$600.00	\$7,200.00
84	513	Structural Steel, A709 Grade 50W	35,000	Lbs.	\$1.00	\$35,000.00
85	516	Elastomeric Bearing Pads	4	Each	\$500.00	\$2,000.00
86	518	Porous Backfill	10	Cu. Yd.	\$20.00	\$200.00
87	607	Remove & Rebuild Fence	60	Lin. Ft.	\$20.00	\$1,200.00
88	659	Seeding and Mulching	150	Sq. Yd.	\$2.00	\$300.00

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATED QUANTITIES	LABOR & MATERIAL	TOTAL
89	Spec.	Sealing of Concrete Surfaces	15 Sq. Yd.	\$10.00	\$150.00
90	Spec.	Asphalt Driveway	250 sq. Ft.	\$10.00	\$2,500.00
91	Spec.	Low Strength Mortar, LSM-50	10 Cu. Yd.	\$40.00	\$400.00
92	Spec.	12 Fiber Cable, 50/125	3,500 Lin. Ft.	\$2.50	\$8,750.00
93	Spec.	Fiber Optic Cable Installation	3,500 Lin. Ft.	\$6.00	\$21,000.00
94	Spec.	Trenching	110 Lin. Ft.	\$95.00	\$10,450.00
95	Spec.	Cable Removal	787 Lin. Ft.	\$5.00	\$3,935.00
96	Spec.	Cable Installation Consumables	Lump Sum	\$2,000.00	\$2,000.00
TOTAL					<u>\$1,370,000.00</u>

Prem Garg

Prem Garg, P.E.
City Engineer
City of Cincinnati



City of Cincinnati



Department of Finance

Room 250, City Hall
801 Plum Street
Cincinnati, Ohio 45202

F. A. Dawson
Director

J. L. Andreyko
Deputy Director

September 30, 1994

Mr. Laurence Bicking, Director
Ohio Public Works Commission
65 East State Street
Suite 312
Columbus, Ohio 43215

Subject: Status of Funds for Local Share of 1995 SCIP/LTIP Program

Dear Mr. Bicking:

The local matching share for the 1995 SCIP/LTIP Projects (Round 9 Funding) is recommended by the City Manager for funding in the City's 1995 Capital Improvement Program. The funds are coming from Street Improvement Bonds which are scheduled for sale in the early part of 1995.

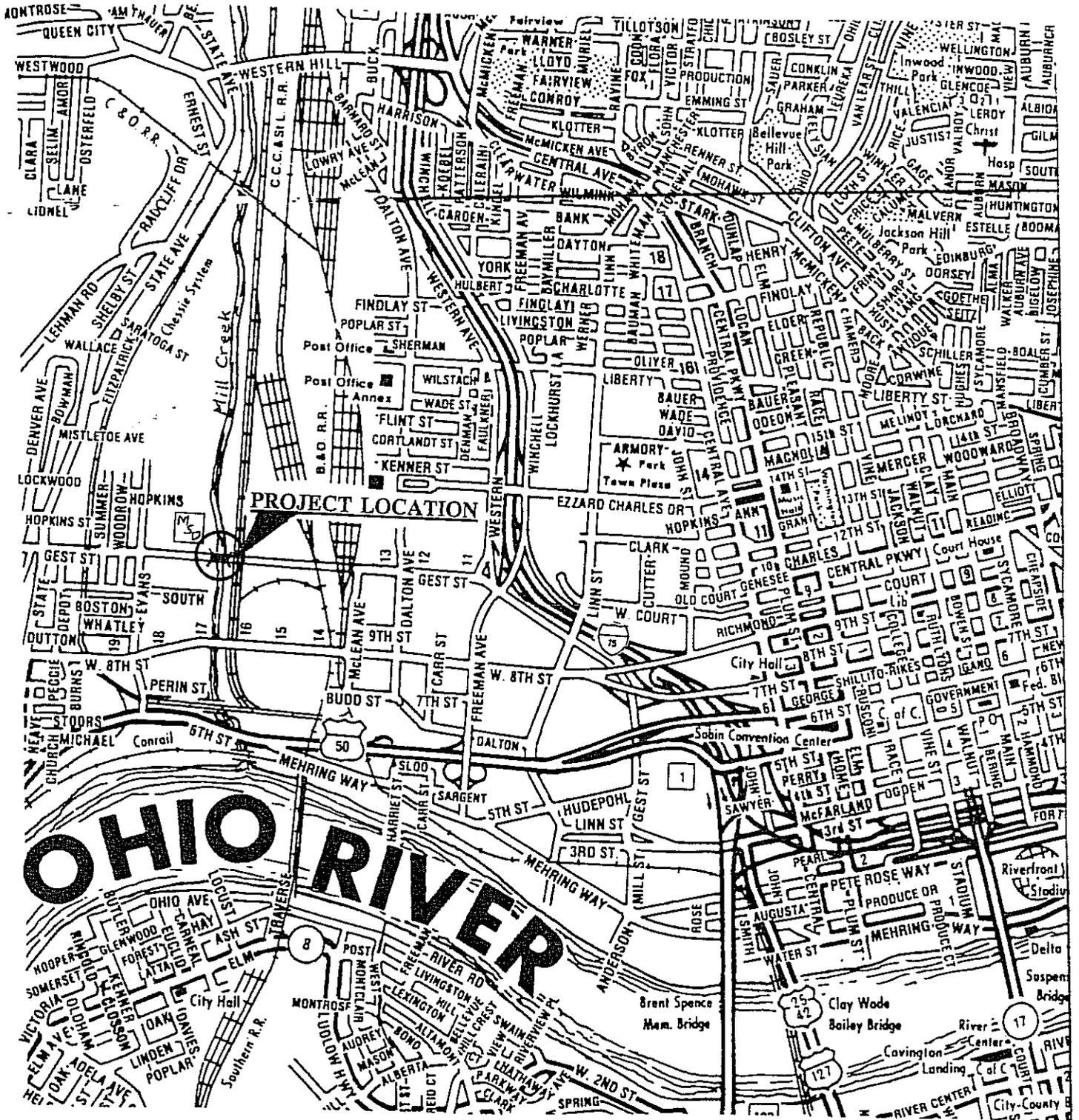
If you have any questions or need additional information, please contact me at 513-352-3731.

Sincerely,

A handwritten signature in dark ink, appearing to read "F. A. Dawson", is written over the typed name.

F. A. Dawson
Director of Finance

GEST STREET BRIDGE OVER THE MILL CREEK VICINITY MAP



City of Cincinnati

An Ordinance No. 421 1993

603H
J.S.G.

AUTHORIZING the City Manager to apply for and accept street rehabilitation, street improvement, bridge rehabilitation and bridge replacement project funding grants from the State of Ohio, Ohio Public Works Commission, in the approximate amount of \$9,163,000, and to execute any agreements necessary for the receipt and administration of said grants.

WHEREAS, the State Capital Improvement Program and Local Transportation Improvement Program provide for infrastructure funding; and

WHEREAS, the District 2 Integrating Committee is accepting applications for projects within Hamilton County, the State of Ohio; and

WHEREAS, the City of Cincinnati has the required \$4,199,000 in matching funds for 1994, for fifteen (15) street rehabilitation projects; namely Anderson Ferry Road, Crawford Road, Dalton Street, Daly Road, West Eighth Street, Elberon Avenue, Freeman Avenue, Gest Street, Linn Street, Madison Road, Mehring Way, Pete Rose Way, Plainville Road and Reading Road; and five (5) street improvement projects; namely North Crescent Avenue, North Bend Road, Vine Street at Forest/Woolper Intersection, Woodford Road and Werk Road; and two (2) bridge replacement projects; namely Dreman Avenue over West Fork Channel and North Bend Road over Millcreek; and one (1) bridge rehabilitation project; namely Beekman Street over Millcreek; now, therefore,

BE IT ORDAINED by the Council of the City of Cincinnati, State of Ohio:

Section 1. That the City Manager is hereby authorized to execute and file applications, on behalf of the City of Cincinnati, with the Ohio Public Works Commission through the Hamilton County District 2 Integrating Committee, for grants, in the approximate amount of \$9,163,000 for funding fifteen (15) street rehabilitation

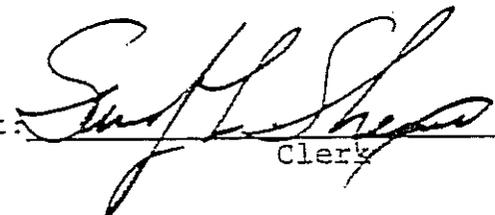
projects; namely Anderson Ferry Road, Crawford Road, Dalton Street, Daly Road, West Eighth Street, Elberon Avenue, Freeman Avenue, Gest Street, Linn Street, Madison Road, Mehring Way, Pete Rose Way, Plainville Road and Reading Road; and five (5) street improvement projects; namely North Crescent Avenue, North Bend Road, Vine Street at Forest/Woolper Intersection, Woodford Road and Werk Road; and two (2) bridge replacement projects; namely Dreman Avenue over West Fork Channel and North Bend Road over Millcreek; and one (1) bridge rehabilitation project; namely Beekman Street over Millcreek; and to accept such grants if awarded by the Ohio Public Works Commission.

Section 2. That the City Manger is hereby authorized to execute such agreements and other documents as are required by the State for receipt and administration of the above grants.

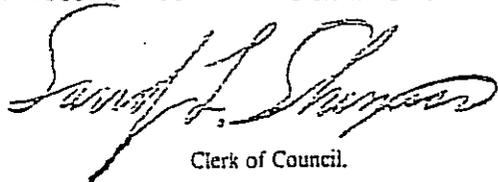
Section 3. This Ordinance shall take effect from and at the earliest period allowed by law.

Passed November 24 A.D., 1993


Mayor

Attest: 
Clerk

I HEREBY CERTIFY THAT ORDINANCE NO. 421
19 93 WAS PUBLISHED IN THE CITY BULLETIN
IN ACCORDANCE WITH THE CHARTER ON 12-7-93


Clerk of Council.

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE INSPECTION REPORT

BR-86 REV. 04-89

3	1	6	1	7	1	4
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BRIDGE NUMBER HAM 01G06 29206
CO ROUTE UNIT

YEAR BUILT 2500

DISTRICT 08

BRIDGE TYPE 364

TYPE SERVICE 155

GEST STREET BRIDGE OVER WILLCREEK

COND

COND

1 FLOOR: Exten. water sat.; cracks, efflor.; stalagmites; large spalls @ west.	8	3	2 WEARING SURFACE: New deck over old deck; trans. cracks; worn.	40	2
3 CURBS, SIDEWALKS/WALKWAYS: Trans. cracks.	9	2	4 MEDIAN: Thru girder serves as median, SEE ITEM 10.	41	2
5 RAILING: Thru girders serve as railing; see Item 10.	10	2	6 DRAINAGE: No inlets on bridge; holes drilled in walls to allow for drainage.	42	1
7 EXPANSION JOINTS: No expansion remaining at W. exp. jts.	11	4	8 DECK SUMMARY:	43	5
9 STR. ALIGNMENT: Abut. rotation has closed W. exp. jt.	12	4	10 BEAMS/GIRDERS/SLAB: former section loss @ web/concrete interface (approx. 50%); impact damage to end flanges & sway bracing; minor new rust; rust holes in sway bracing; efflor.	44	3
11 DIAPHRAGMS/CROSSFRAMES:	13		14 FLOOR BEAM CONNECTIONS: Conc. encased; some concrete deterioration.	45	2
13 FLOOR BEAMS: Conc. encasement deter. and spalled; exp. steel corr. with section loss.	14	3	16 :	46	
15 RECOMMENDED MAINTENANCE AND REPAIRS:	15		18 :	47	
1) Replace bridge.	16		20 :	48	
	17		22 :	49	
	18		24 BEARING DEVICES: E. int. have loss of bearing from stone below (settled & twisted horizontally); exten. corrosion; no expansion left at W.	50	4
	19		26 PAINT (YEAR/CONDITION): Rust at sidewalk.	51	2
	20		30 FAT/PROBE CONNECTIONS:	52	
	21		32 SUPERSTRUCTURE SUMMARY: Not redundant; not fatigue prone.	53	4
31 LIVE LOAD RESPONSE:	22	5	34 ABUTMENT SEALS: voids; stone deter.	56	2
31 ABUTMENTS: exten. stone and mortar deter. and spalling; one or both abuts. rotated.	23	1	36 PIER SEATS:	57	
35 PIERS:	24		38 WINGWALLS: Stone and mortar deter., minor scour and undermine at HW.	58	
37 BACKWALLS: Formerly repaired at roadway; exten. cracking; spalling and conc. deter. of lower backwall; crushed at E. int. bearings	25	4	40 SUB. SCOUR: Min. scour under (2'W x 5'L x 1'0) @ N. end of N.W. wingwalls @ July, 1988 underwater inspection;	59	2
41 : Inspection satisfies AASHTO Manual for Maintenance Inspection of Bridges "Routine Inspection" requirements.	26		42 SUBSTRUCTURE SUMMARY:	60	1
43 GENERAL NOTE: Access under the bridge (except to abut. seats) was not possible due to high water.	27		44 CUL. ALIGNMENT:	61	4
45 SHAPE:	28		46 SEAMS:	62	
47 HEADWALLS OR ENDWALLS:	29		48 CUL. SCOUR:	63	
49 : Not all main structural members were inspected within an "arms reach" distance.	30		50 CULVERTS SUMMARY:	64	
51 CHA. ALIGNMENT:	31		52 PROTECTION: Conc. channel protection upstream, no protection provided downstream, banks are very steep at S.	65	2
53 WATERWAY ADEQUACY:	32	1	54 CHANNEL SUMMARY:	66	5
55 PAVEMENT: Dip @ W. approach; gouges in pavement.	33	3	56 APPROACH SLABS: overlaid; not visible if present.	67	
57 GUARDRAIL: None provided; E. impact attenuator damaged; conc. barriers deter.	34	2	58 RELIEF JOINTS: None apparent at W; does not extend thru curbs at E.	70	2
59 EMBANKMENT: Exten. erosion; part. at wingwall ends.	35	3	60 APPROACHES SUMMARY:	71	5
51 NAVIGATION LIGHTS:	36		62 MARKING SIGNS: yellow flashers; impact attenuators @ both E. & W.	72	1
63 VERTICAL CLEARANCE:	37	4	64 GEN/APPRASIS/OPERATIONS:	73	
	38			74	
	39				

65. INSPECTED BY

Lisa Rowell, E.I.T. LR
SIGNED INITIALS

66. REVIEWED BY

Richard J. [Signature] P.E. RS
SIGNED INITIALS

DOT 2852
COC (Rev 11/91)

V-56
ROVELL, E.I.T.
CITY INSP. RESP.
CITY (ENG) MAINT. RESP.

DATE 1 2 1 7 9 3
80 85

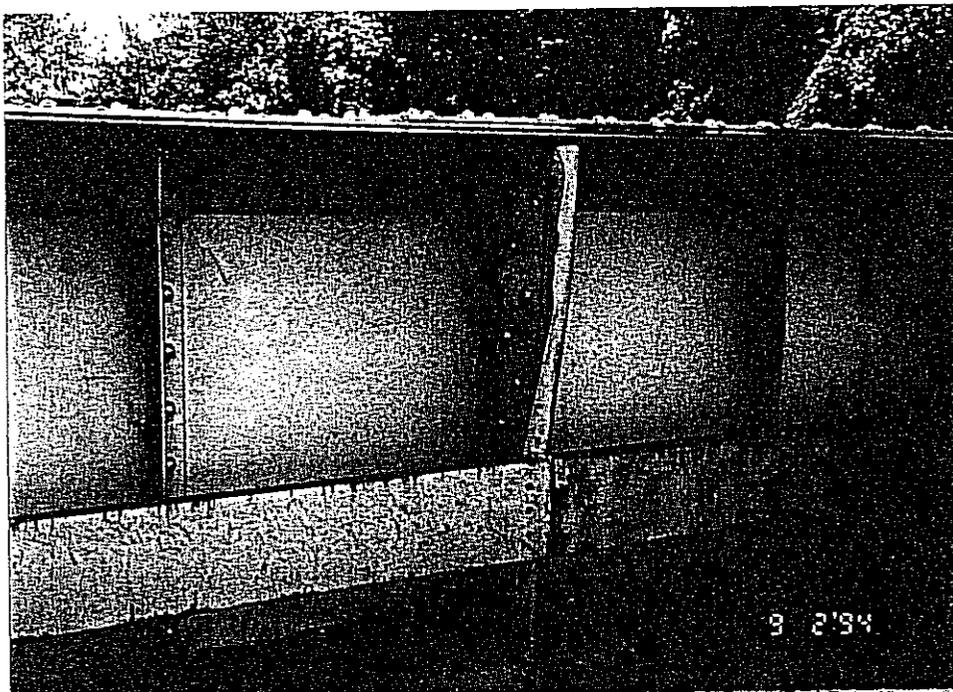
0 0 0 0 N N 1 1
86 87. SURVEY 93

DATE 09/19/94
94 99

GEST STREET BRIDGE REPLACEMENT OVER THE MILL CREEK

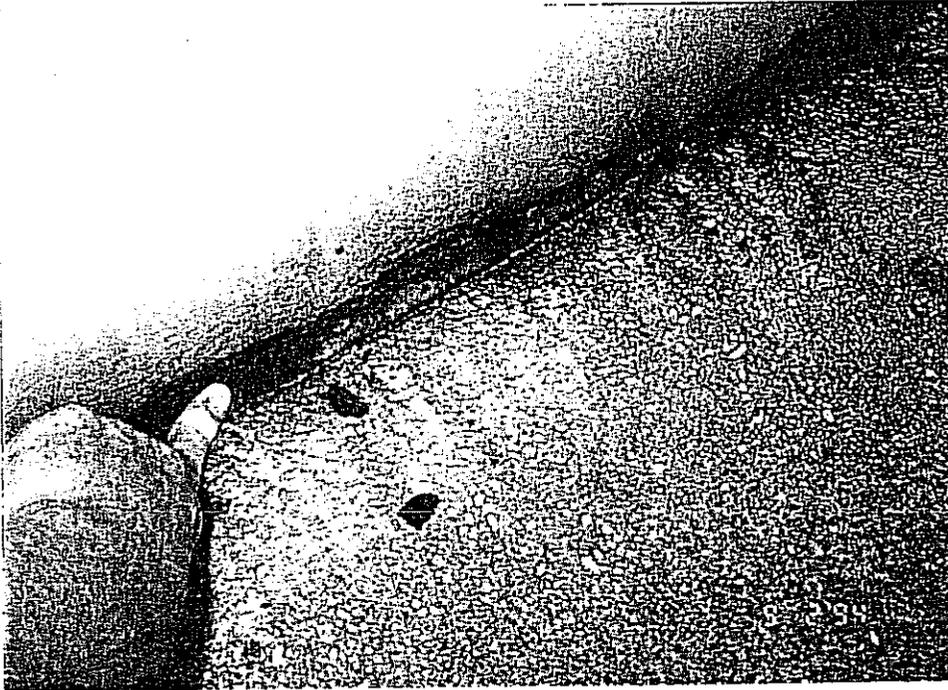


**East approach showing lane width restriction
and exposure of girders to impact.**

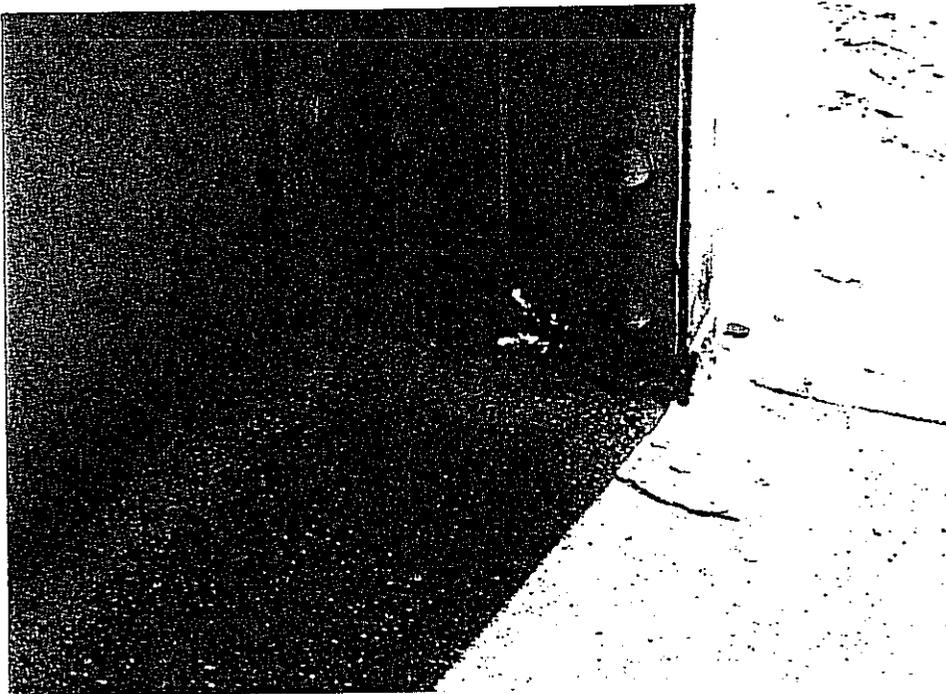


Typical impact damage to exposed girders.

GEST STREET BRIDGE REPLACEMENT OVER THE MILL CREEK



Typical section loss at deck/girder web interface.

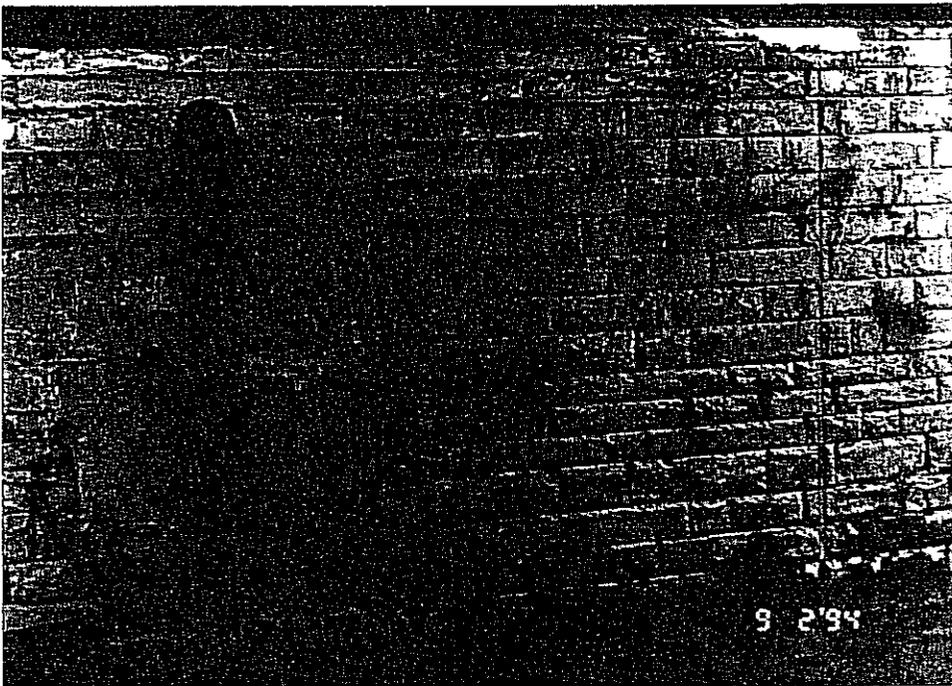


Typical section loss to sway bracing and stiffeners.

GEST STREET BRIDGE REPLACEMENT OVER THE MILL CREEK



Failed bearing.



Deterioration of sandstone abutment face.

CITY OF CINCINNATI
DEPARTMENT OF PUBLIC WORKS
DIVISION OF TRAFFIC ENGINEERING

Date 8-15-94
By SIN
Approved _____

Traffic Projection Data

Roadway GEST STREET OVER THE MILL CREEK
From _____ To _____

I. Existing Traffic Data

Count No. 93-0007 Date 3/1/93 Duration 24 hr Volume 3258 EF
 Count No. 93-0008 Date 3/1/93 Duration 24 hr Volume 3274 WE
 Count No. _____ Date _____ Duration _____ Volume _____
 Existing ADT = 6532

Peak Hour Highest Volume

EB or NB 245-345 A.M. or P.M. 338
 WB or SB _____ A.M. or P.M. 288
 Existing highest hourly volume = 626
 K = Design hour % of ADT = 9.58 %
 D = Design hour % predominate direction = 54.0 %
 Truck (B & C) Bus Route yes = 8 %
 Truck Terrain Factor = 2

II. Design Year Calculation

Design Year 2013 = expansion factor of 1.4
 Design Year ADT (Normal Growth) = 9145
 Design Year ADT (Generated by planned development) _____
 Design Year (B & C) Trucks = 8 % = 732
 Design Year (P & A) _____ = 8413
 T = Design Year Adj. (B & C) X 2 = 1464
 Design Year ADT = 9877

III. Design Year Hourly Volume

Design hour 245-345 A.M. or P.M. - % ADT 9.58 %
 D % Design hour traffic in predominate direction 54.0 %
 Design Hourly Volume = 946

CITY OF CINCINNATI
TRAFFIC ENGINEERING DIVISION

STREET(S) : FROM W ON GEST ST
 LOCATION : W OF MILL CREEK BRIDGE
 DIRECTION : EASTBOUND
 MAP COORDINATE : 292

DATE(S) : MARCH 1, 1993
 DAY(S) OF WEEK : MONDAY
 WEATHER : SUNNY 50
 MACHINE NUMBER : 1917
 TABULATED BY : TERRY/KEVIN
 STARTING TIME : 4:00 PM
 COMMENTS : 0
 ADT FACTOR: 0.9585

COMPUTER
 FILE NAME:
 93-0007

ONE-HOUR PERIOD STARTING	15 MIN. :00	PERIOD :15	STARTING :30	STARTING :45	ONE-HOUR PERIOD TOTALS	PERCENT OF TOTAL
12:00 AM	8	2	3	3	16	0.47
1:00 AM	2	2	3	5	12	0.35
2:00 AM	8	3	2	5	18	0.53
3:00 AM	4	0	9	2	15	0.44
4:00 AM	2	1	3	3	9	0.26
5:00 AM	2	8	15	17	42	1.24
6:00 AM	25	31	48	58	162	4.77
7:00 AM	65	62	101	104	332	9.77
8:00 AM	77	46	68	49	240	7.06
9:00 AM	51	52	49	61	213	6.27
10:00 AM	50	57	57	50	214	6.30
11:00 AM	46	75	59	59	239	7.03
12:00 PM	85	62	69	74	290	8.53
1:00 PM	56	69	47	45	217	6.38
2:00 PM	63	52	54	54	223	6.56
3:00 PM	74	121	89	51	335	9.86
4:00 PM	72	67	71	57	267	7.86
5:00 PM	63	32	65	40	200	5.88
6:00 PM	36	28	21	24	109	3.21
7:00 PM	23	9	13	10	55	1.62
8:00 PM	19	12	12	10	53	1.56
9:00 PM	14	15	10	10	49	1.44
10:00 PM	11	9	12	8	40	1.18
11:00 PM	10	6	20	13	49	1.44
TOTAL 24 HOUR					3399	3258 = ADT
FIVE HOUR TOTAL (7-9 AM & 3-6 PM)		1374	24/5 FACTOR		2.4738	
EIGHT HOUR TOTAL (7-11 AM & 2-6 PM)		2024	24/8 FACTOR		1.6793	
TWELVE HOUR TOTAL (6:00 AM TO 6:00 PM)		2932	24/12 FACTOR		1.1593	
AM PEAK HOUR VOLUME IS		344	FROM 7:15 AM TO 8:15 AM			
PM PEAK HOUR VOLUME IS		338	FROM 2:45 PM TO 3:45 PM			

CITY OF CINCINNATI
TRAFFIC ENGINEERING DIVISION

STREET(S) : FROM E ON GEST ST
 LOCATION : E OF MILL CREEK BRIDGE
 DIRECTION : WESTBOUND
 MAP COORDINATE : 292

DATE(S) : MARCH 1, 1993
 DAY(S) OF WEEK : MONDAY
 WEATHER : SUNNY 50
 MACHINE NUMBER : 1919
 TABULATED BY : Terry/Kevin
 STARTING TIME : 4:00 PM
 COMMENTS : 0
 ADT FACTOR: 0.9585

COMPUTER
FILE NAME:
93-0008

ONE-HOUR PERIOD STARTING	15 MIN. :00	PERIOD :15	STARTING :30	:45	ONE-HOUR PERIOD TOTALS	PERCENT OF TOTAL
12:00 AM	5	3	11	2	21	0.61
1:00 AM	3	1	5	5	14	0.41
2:00 AM	6	1	12	4	23	0.67
3:00 AM	4	7	1	3	15	0.44
4:00 AM	4	1	3	2	10	0.29
5:00 AM	2	10	16	24	52	1.52
6:00 AM	21	42	68	74	205	6.00
7:00 AM	74	34	41	52	201	5.88
8:00 AM	51	53	40	40	184	5.39
9:00 AM	39	59	41	59	198	5.80
10:00 AM	66	63	61	61	251	7.35
11:00 AM	45	48	64	84	241	7.06
12:00 PM	82	83	59	58	282	8.26
1:00 PM	50	62	66	67	245	7.17
2:00 PM	58	59	64	74	255	7.46
3:00 PM	72	64	78	89	303	8.87
4:00 PM	60	69	88	75	292	8.55
5:00 PM	85	72	55	35	247	7.23
6:00 PM	27	31	38	21	117	3.43
7:00 PM	16	25	17	20	78	2.28
8:00 PM	12	15	10	13	50	1.46
9:00 PM	17	15	14	9	55	1.61
10:00 PM	10	3	9	6	28	0.82
11:00 PM	15	13	14	7	49	1.43
TOTAL 24 HOUR					3416	3274 = ADT
FIVE HOUR TOTAL (7-9 AM & 3-6 PM)		1227	24/5 FACTOR		2.7840	
EIGHT HOUR TOTAL (7-11 AM & 2-6 PM)		1931	24/8 FACTOR		1.7690	
TWELVE HOUR TOTAL (6:00 AM TO 6:00 PM)		2904	24/12 FACTOR		1.1763	
AM PEAK HOUR VOLUME IS		278	FROM 11:15 AM TO 12:15 PM			
PM PEAK HOUR VOLUME IS		320	FROM 4:30 PM TO 5:30 PM			

ADDITIONAL SUPPORT INFORMATION

For Program Year 1995 (July 1, 1995 through June 30, 1996), jurisdictions shall provide the following support information to help determine which projects will be funded. Information on this form must be accurate, and where called for, based on sound engineering principles. Documentation to substantiate the individual items may be required by the Support Staff if information does not appear to be accurate.

- 1) What is the condition of the existing infrastructure to be replaced, repaired, or expanded? For bridges, submit a copy of the current State form BR-86.

Closed _____ Poor X
Fair _____ Good _____

Give a brief statement of the nature of the deficiency of the present facility such as: inadequate load capacity (bridge); surface type and width; number of lanes; structural condition; substandard design elements such as berm width, grades, curves, sight distances, drainage structures, or inadequate service capacity. If known, give the approximate age of the infrastructure to be replaced, repaired, or expanded.

Please see attached sheet.

- 2) If State Capital Improvement funds are awarded, how soon (in weeks or months) after receiving the Project Agreement from OPWC (tentatively set for July 1, 1995) would the project be under contract? The Support Staff will be reviewing status reports of previous projects to help judge the accuracy of a particular jurisdiction's anticipated project schedule.

4 months

Are preliminary plans or engineering completed? Yes

Are detailed construction plans completed? No

Are all right-of-way and easements acquired? Yes

Are all utility coordinations completed? No

Give an estimate of time, in weeks or months, to complete any item above not yet completed.

9 months to complete detail Plans.

GEST STREET BRIDGE REPLACEMENT
OVER THE MILL CREEK

ADDITIONAL SUPPORT INFORMATION

1.)

- a.) The existing bridge is of through-girder design with each girder being immediately adjacent to each 11'-6" lane, exposing them to possible impact. The proposed bridge will have the steel girders located beneath the bridge deck.
- b.) The roadway lane widths of the proposed bridge will be increased from 11'-6" (existing) to 14'-0".
- c.) The existing 70 year old bridge was constructed in 1924 upon stone abutments of a previous bridge of unknown age. The bearings are failing, there is considerable loss of section in the girders, and impact damage to the girder flanges, lateral bracing and stiffeners.
- d.) The vertical approach alignment at both ends of the bridge is extremely poor, causing many vehicles to "bottom out", as indicated by scarring of the approach pavement.
- e.) The existing bridge supports a 36" water main, 18" water main, 21" gas main, 12 cable main telephone trunk line, fiber optic telecommunication lines and sewer pump house power lines. Relocation of these utilities to the proposed adjacent utility bridge will facilitate bridge and utility construction, as well as, aid in the required maintenance of traffic for nearby industries. Future rehabilitation work will be less costly, quicker and easier with the utilities removed from the bridge.
- f.) A temporary concrete wearing surface has been installed over the existing, severely deteriorated, concrete deck.

3) How will the proposed project impact the general health, safety and welfare of the service area? (Typical examples may include the effects of the completed project on accident rates, emergency response time, fire protection, health hazards, user benefits, and commerce.) Please be specific and provide documentation if necessary to substantiate the data.

Safety hazards from lane width restriction (11'-6") and impact-vulnerable through-girders will be eliminated.

4) What type of funds are to be utilized for the local share for this project?

Federal	_____	ODOT	_____	Local	<u> X </u>
MRF	_____	OWDA	_____	CD	_____
Other	_____				

Note: If MRF funds are being used for the local share, the MRF application must have been filed by August 1, 1994 for this project with the Hamilton County Engineer's Office.

The minimum amount of matching funds for grant projects (local share) must be at least 10% of the TOTAL CONSTRUCTION COST. What percentage of matching funds are being committed to this project?

20 %

5) Has any formal action by a federal, state, or local government agency resulted in a complete or partial ban of the use or expansion of use for the involved infrastructure? (Typical examples include weight limits, truck restrictions, and moratoriums or limitations on issuance of building permits.) A copy of the legislation must be submitted with the application. THE BAN MUST HAVE AN ENGINEERING JUSTIFICATION TO BE VALID.

Complete Ban _____ Partial Ban _____ No Ban X

Will the ban be removed after the project is completed?

Yes _____ No _____

- 6) What is the total number of existing users that will benefit as a result of the proposed project?

7840

For roads and bridges, multiply current documented Average Daily Traffic by 1.20. For public transit, submit documentation substantiating the count. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to the restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by 4.

- 7) Has the jurisdiction developed a Five Year Capital Improvement Plan as required in O.R.C., chapter 164? (This must be included with the application to be considered for funding.)

Yes X No

- 8) Give a brief statement concerning the regional significance of the infrastructure to be replaced, repaired, or expanded.

The Gest Street bridge services a large industrial area of Cincinnati, and also support a majority of the utilities that service the western half of Cincinnati.

STATE CAPITAL IMPROVEMENT PROGRAM

ROUND NO. 9

PROGRAM YEAR 1995 PROJECT SELECTION CRITERIA - JULY 1, 1995 TO JUNE 30, 1996

ADOPTED BY THE DISTRICT 2 INTEGRATING COMMITTEE

June 27, 1994

JURISDICTION/AGENCY: CINCINNATI

NAME OF PROJECT: GEST ST. BRIDGE

TOTAL POINTS FOR THIS PROJECT: 52 RATING TEAM NO. 4

NO. OF POINTS

- 10 1) If SCIP Funds are granted, when would the construction contract be awarded? (The Support Staff will assign points based on engineering experience.)
- 10 Points - Will be under contract by December 31, 1995
 - 5 Points - Will be under contract by March 30, 1996
 - 0 Points - Will not be under contract by March 30, 1996
- 16 2) What is the condition of the infrastructure to be replaced or repaired? For bridges, base condition on latest general appraisal and condition rating.
- 20 Points - Poor Condition
 - 16 Points -
 - 12 Points - Fair to Poor Condition
 - 8 Points -
 - 4 Points - Fair Condition

NOTE: If the infrastructure is in "good" or better condition it will NOT be considered for SCIP funding.

3

3) If the project is built, what will be its effect on the facility's serviceability?

- 5 Points - Significant effect (e.g., widen to and add lanes along entire project)
- 4 Points - Moderate to significant effect
- 3 Points - Moderate effect (e.g., widen exist. lanes)
- 2 Points - Moderate to little effect
- 1 Points - Little or no effect (e.g., street or bridge deck rehabilitation)

6

4) How important is the project to HEALTH, SAFETY, AND WELFARE of the public and the citizens of the District and/or service area?

- 10 Points - Highly significant importance, with substantial impact on all 3 factors
- 8 Points - Considerably significant importance, with substantial impact on 2 factors OR noticeable impact on all 3 factors
- 6 Points - Moderate importance, with substantial impact on 1 factor or noticeable impact on 2 factors
- 4 Points - Minimal importance, with noticeable impact on 1 factor
- 2 Points - No measurable impact

6

5) What is the overall economic health of the jurisdiction?

- 10 Points - Poor
- 8 Points -
- 6 Points - Fair
- 4 Points -
- 2 Points - Excellent

2

6) What matching funds are being committed to the project, expressed as a percentage of the TOTAL CONSTRUCTION COST? Loan and Credit Enhancement projects automatically receive 5 points, and no match is required. All grant funded projects require a minimum of 10% matching funds.

- 5 Points - 50% or more
- 4 Points - 40% to 49.99%
- 3 Points - 30% to 39.99%
- 2 Points - 20% to 29.99%
- 1 Point - 10% to 19.99%

0

- 7) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure? POINTS MAY ONLY BE AWARDED IF THE END RESULT OF THE PROJECT WILL CAUSE THE BAN TO BE LIFTED.

5 Points - Complete or significant ban
3 Points - Partial or moderate ban
0 Points - No ban of any kind

4

- 8) What is the total number of existing daily users that will benefit as a result of the proposed project? Appropriate criteria include current traffic counts, households served, when converted to a measurement of persons. Public transit users are permitted to be counted for roads and bridges, but only when certifiable ridership figures are provided.

5 Points - 10,000 or more
4 Points - 7,500 to 9,999
3 Points - 5,000 to 7,499
2 Points - 2,500 to 4,999
1 Point - 2,499 and under

2 3

- 9) Does the infrastructure have REGIONAL impact? Consider origins and destinations of traffic, functional classification, size of service area, number of jurisdictions served, etc.

5 Points - Major impact (e.g., major multi-jurisdictional route, primary feed route to an Interstate, Federal - Aid Primary routes)
4 Points -
3 Points - Moderate impact (e.g., principal thoroughfares, Federal - Aid Urban routes)
2 Points -
1 Point - Minimal or no impact (e.g., cul-de-sacs, subdivision streets)

2

- 10) Has the jurisdiction enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or a dedicated tax for infrastructure?

2 Points - Two of the above
1 Point - One of the above
0 Points - None of the above

ADDENDUM TO THE RATING SYSTEM
DEFINITIONS

CRITERION 1 - ABILITY TO PROCEED

The Support Staff will assign points based on:

- 1) Engineering experience
- 2) The information on the Additional Support Information, as verified where necessary.
- 3) The applicant's past SCIP/LTIP record of successfully projecting project schedules on similar types of projects.

If a project rating on this item is reduced by the Support Staff because of a questionable schedule, and still receives funding, the submitting jurisdiction will be permitted to amend the Project Schedule accordingly.

CRITERION 2 - CONDITION

Poor - Condition is dangerous, unsafe or unusable

Fair to Poor - Condition is inadequate or substandard

Fair - Condition is average, not good or poor

CRITERION 5 - ECONOMIC HEALTH

The following factors are used to determine economic health:

- 1) Median per capita income
- 2) Per capita assessed valuation of the total community real estate and personal property
- 3) Poverty indicators
- 4) Effective tax rates
- 5) Total corporate debt as a percentage of assessed valuation
- 6) Municipal revenues and expenditures per capita

CRITERION 9 - REGIONAL IMPACT

Major impact - Primary water or sewer main serving an entire system

Moderate impact - Waterline or storm sewer serving only part of a system

Minimal impact - Individual waterline or storm sewer not part of a system